

Amendments to the Claims

1. (Currently amended) An in-mold label comprising a core layer with a first and second surface and a heat seal layer positioned on the first surface of the core layer, wherein the heat seal layer comprises a polyolefin comprising a copolymer of (a) ethylene, propylene or butylene, and (b) an olefin comonomer having from about 3 to about 10 carbon atoms and wherein (a) and (b) are different, wherein the polyolefin has [having] a peak melt temperature of less than about 110°C and [where] wherein less than about 25% of polyolefin melts at a temperature of less than 50°C as measured by differential scanning calorimetry.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Original) The label of claim 1 wherein the polyolefin is prepared with a metallocene catalyst.

6. (Original) The label of claim 1 wherein the polyolefin has a Mw/Mn ratio less than about 3.5.

7. (Original) The label of claim 1 wherein the heat seal layer is a blend of the polyolefin and a film-forming polymer.

8. (Original) The label of claim 1 wherein the heat seal layer is a blend of (i) a polyolefin and (ii) one or more polymers selected from the group consisting of polyolefins other than (i), polystyrene, polyethylene acrylic acid, polyethylene methacrylic acid, polyethylene acrylate ester, polyethylene methacrylate ester, polyethylene vinyl alcohol, polyethylene vinyl acetate, polyethylene vinyl chloride, polycarbonate, styrene maleic anhydride copolymer, styrene acrylonitrile polymer, acrylonitrile butadiene styrene polymer, nylon, polyurethane, polysulfone, polyvinylidene chloride, ionomers based on alkali metal or zinc salts of ethylene-methacrylic acid, polyacrylates, polymethacrylates, cellulose, fluoroplastics, polyacrylonitriles and thermal polyesters.

9. (Original) The label of claim 1 wherein the heat seal layer is a blend of the polyolefin and ethylene vinyl acetate.

10. (Original) The label of claim 1 wherein the heat seal layer is substantially free of ethylene vinyl acetate.

11. (Canceled)
12. (Currently amended) The label of claim 1 wherein the heat seal layer contains less than 0.5% [is free of] carrier resins.
13. (Original) The label of claim 1 wherein the label has a shrinkage of less than about 5%.
14. (Original) The label of claim 1 wherein the label has a thickness of less than about 7 mils.
15. (Original) The label of claim 1 further comprising a printable skin layer on the second surface of the core layer.
16. (Original) The label of claim 1 wherein the label is optically opaque.
17. (Original) The label of claim 1 wherein the label is optically transparent.
18. (Currently amended) An in-mold label comprising a core layer with a first and second surface, a heat seal layer positioned on the first surface of the core layer, and a printable skin layer on the second surface of the core layer, wherein the heat seal layer comprises a copolymer of (a) ethylene, propylene or butylene, and (b) an olefin comonomer having from about 3 to about 12 carbon atoms and wherein (a) and (b) are different, [polyethylene or an ethylene copolymer having] wherein said polyolefin has a peak melt temperature of less than about 110°C and wherein less than about 25% of polyolefin melts at a temperature of less than 50°C as measured by differential scanning calorimetry.
19. (Canceled)
20. (Original) The label of claim 18 wherein the polyolefin is an ethylene copolymer derived from ethylene and one selected from the group consisting of propylene, butylene, pentene, 4-methyl-1-pentene, hexene, heptene, and octene.
21. (Original) The label of claim 18 wherein the polyolefin is prepared with a metallocene catalyst.
22. (Original) The label of claim 18 wherein the heat seal layer is a blend of the (i) polyethylene or an ethylene copolymer and (ii) a film-forming polymer.
23. (Original) The label of claim 18 wherein the heat seal layer is a blend of (i) polyethylene or an ethylene copolymer and (ii) one or more polymers selected from the group consisting of polyolefins other than (i), polystyrene, polyethylene acrylic acid, polyethylene methacrylic acid, polyethylene acrylate ester, polyethylene methacrylate

ester, polyethylene vinyl alcohol, polyethylene vinyl acetate, polyethylene vinyl chloride, polycarbonate, styrene maleic anhydride copolymer, styrene acrylonitrile polymer, acrylonitrile butadiene styrene polymer, nylon, polyurethane, polysulfone, polyvinylidene chloride, ionomers based on alkali metal or zinc salts of ethylene-methacrylic acid, polyacrylates, polymethacrylates, cellulose, fluoroplastics, polyacrylonitriles and thermal polyesters.

24. (Original) The label of claim 18 wherein the heat seal layer is a blend of the polyolefin and ethylene vinyl acetate.

25. (Original) The label of claim 18 wherein the heat seal layer is substantially free of ethylene vinyl acetate.

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)